Using UN Biodiversity Lab to Monitor the Pulse of the Planet

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May 4, 2022

Important Information

- **Interpretation**
  - Interpretation is available to French and Spanish
  - Please select your language and stay on it for the duration of the session

- **Technical Support**
  - Andrés Rosas
  - Send a private message via Zoom, or
  - Send a whatsapp message to +33 749 44 89 02

Course Structure

- **Three intermediate sessions**
  - Intermediate sessions will be held on **April 14, 21,** and **28**
  - For the intermediate sessions, there will be 3 sessions per day presenting the same material in:
    - English (9:00-10:30 EST)
    - French (11:00-12:30 EST)
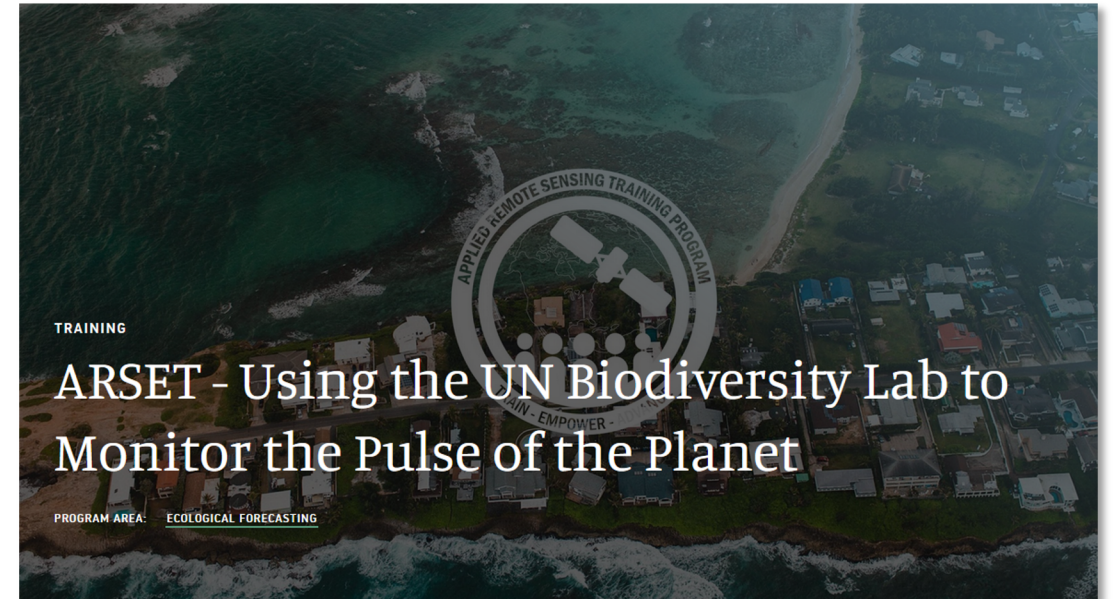   - Spanish (15:00-16:30 EST)
- **Two advanced labs**
  - Advanced labs will be held on **April 27** and **May 4**
  - Please register for these separately via the course website
  - Offered in English with simultaneous interpretation to French and Spanish
  - The lab sessions will be limited to 250 registrants (Advanced Lab 1) / 150 registrants (Advanced Lab 2)

Course Materials and Q&A

- Webinar recordings, PowerPoint presentations, and the homework assignment can be found after each session at:
  - https://appliedsciences.nasa.gov/join-mission/training/english/arset-using-un-biodiversity-lab-monitor-pulse-planet
- Q&A: Following each lecture and/or by email:
  - amberjean.mccullum@nasa.gov
  - juan.l.torresperez@nasa.gov
  - anne.virnig@undp.org

TRAINING

ARSET - Using the UN Biodiversity Lab to Monitor the Pulse of the Planet

PROGRAM AREA: ECOLOGICAL FORECASTING

Homework and Certificates

Intermediate Sessions

- **Homework:**
  - One homework assignment for the intermediate sessions submitted via Google Forms
    - Available on training website
- **Certificate of Completion**
  - Attend all three live intermediate webinars
  - Complete the homework assignment by **Thursday, May 12**
  - You will receive certificates approximately two months after completion of the course from: marines.martins@ssaihq.com

Advanced Sessions

- **Certificate of Completion for Lab 2:**
  - Register on UNBL **by Wednesday, 27 April**
  - Attend this live session
  - Submit Homework Assignment 2 to support@unbiodiversitylab.org **by 18 May**

Course Outline (Intermediate Sessions)

Part 1: Using UN Biodiversity Lab to Support Country-Led Action on Biodiversity and Sustainable Development

- NASA satellites and sensors
- Global policy context
- UNBL basic functionalities
- Country case studies

Part 2: Exploring the UN Biodiversity Lab Public Platform

- UNBL recap
- Data products and tools
- UNBL public platform functionalities

Part 3: Exploring UN Biodiversity Lab Secure Workspaces

- UNBL workspace functionalities
- Essential life support areas and future functionalities

Course Outline (Advanced Labs)

Advanced Lab 1: Mastering the UNBL Public Platform

- Deep dive on UNBL public platform functionalities
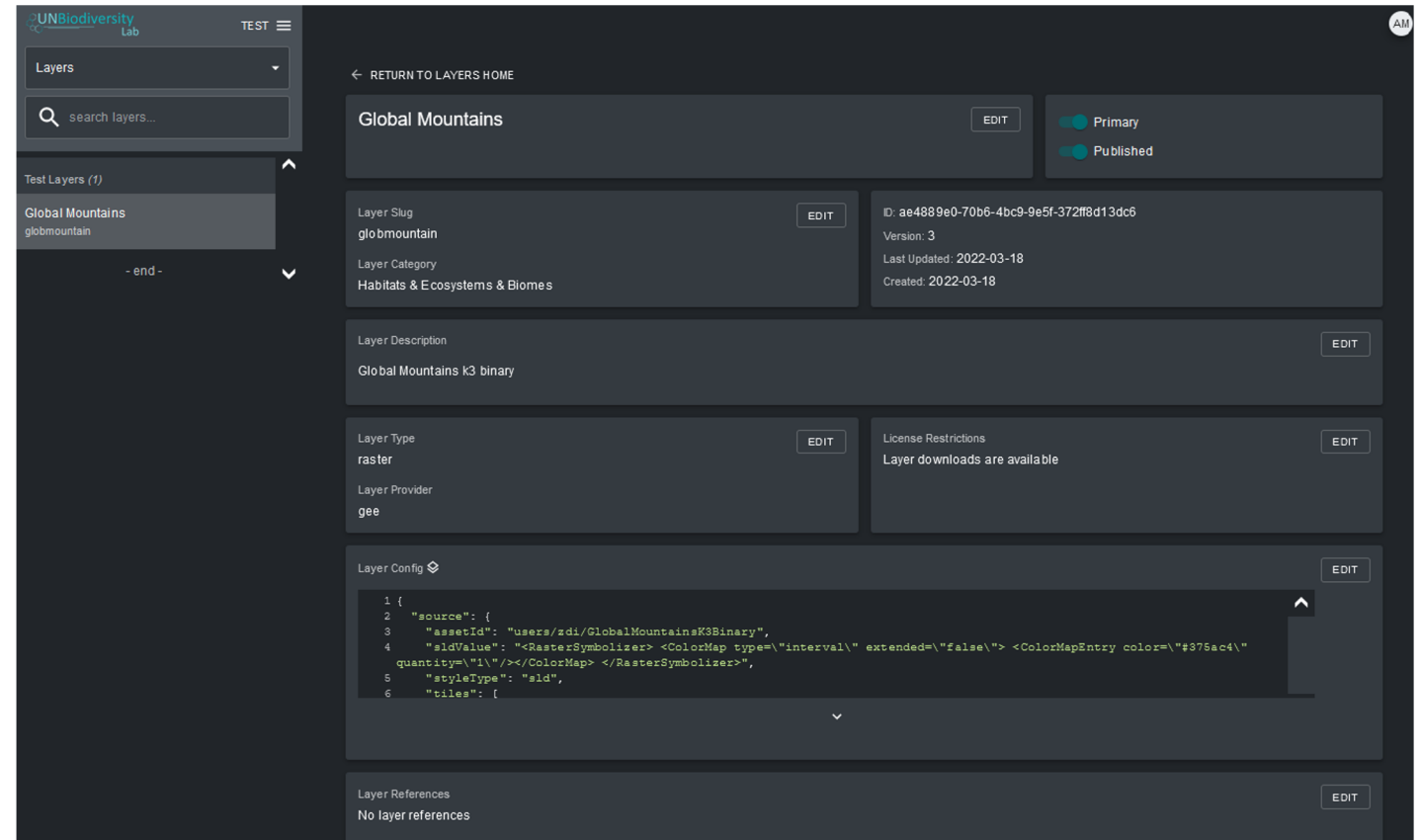
- Independent exercise on the use of public platform

Advanced Lab 2: Mastering UNBL Secure Workspaces

- Deep dive on UNBL secure workspace functionalities
  - Add users and assign privileges
  - Upload data layers
  - Calculate dynamics
- Independent exercise on the use of secure workspaces

Advanced Lab 2 Agenda

- Homework review:
  - Access your UNBL workspace
- Co-led exercises:
  - Upload a layer from a Google Earth Engine Asset
  - Upload a new place to your workspace to calculate metrics
  - Add a collection of places to your workspace

Example of how to create a new layer in the UNBL workspace. Image credit: https://unbiodiversitylab.org/

Homework Review

Co-led Exercises

Contacts

- Trainers:

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- Training Webpage:

    – https://appliedsciences.nasa.gov/join-mission/training/english/arset-using-un-biodiversity-lab-monitor-pulse-planet

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Thank You!